

# DEPARTMENT OF CONSERVATION

Managing California's Working Lands

### Division of Oil, Gas, & Geothermal Resources

801 K STREET . MS 20-20 . SACRAMENTO, CALIFORNIA 95814

PHONE 916 / 445-9886 • FAX 916 / 323-0424 • TDD 916 / 324-2555 • WEB SITE conservation.cd.gov

November 15, 2010

Mr. George Robin
Water Management Section (W-6-3)
U.S. Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901

Subject: UIC Annual 7520 Compliance Report - October 1, 2009 to September 30, 2010

Dear Mr. Robin:

Enclosed is the Division of Oil, Gas, and Geothermal Resources Annual Compliance Report for federal year 2009.

If you have any questions, please feel free to contact Tim Kustic or Jerry Salera at (916) 445-9686.

Sincerely,

Robert S. Habel Chief Deputy

Fort 5 Flabel

Enclosures

**SEPA** 

United States Environmental Protection Agency Office of Ground Water and Drinking Water

Washington, DC 20460 **UIC Federal Reporting System** 

Part I: Permit Review and Issuance/ Wells in Area of Review

(This information is solicited under the

I. Name and Address of Reporting Agency

United States Environmental Protection Agency California Division of Oil, Gas & Geothermal Resources 801 K Street, 20th Floor Sacramento, CA 95814

| authori  | ty of the Sale Dillining Water Acti      | 4 Company of the Comp | A CONTRACTOR OF THE PROPERTY O |  |
|--|--|--|--|--|
| II. Date Prepared (month, day, year)           | III. State Contact (name, telephone no.) | IV. Reporting Period (month, yea   | (r).   |  |
| 11/15/2010                                     | Jerry Salera (916) 323-1781              | October 1, 20 09   | To 09/30/2010  |  |
| 2000 p. c. mir pila sassan (recina Array 1997) |  | Class and Ty   | pe of Injection Wells  |  |
|  |  |  | AA   |  |

|                          |                        |        |  |                        |  | - (       | Class and | Type of In | jection We | lls |   |
|--------------------------|------------------------|--------|--|------------------------|--|-----------|-----------|------------|------------|-----|---|
|                          |                        |        |  |                        |  |           | II        |            |            |     |   |
|                          |                        |        | item   |                        | 1                                      | SWD<br>2D | ER<br>2R  | HC<br>2H   | JII.       | ΙŸ  | ٧ |
| V. Permit<br>Application | Number of Perm         | nit Ap | pplications Received   |                        |  | 147       | 1759      | 0          |            |     |   |
|                          |                        | А      | Number of Individual Permits Issued                                  | New<br>Wells           | :                                      | 44        | 546       | 0          |            |     |   |
|                          | Permit                 |        | (One Well)   | Existing<br>Wells      |  | 110       | 1251      | 0          |            |     |   |
| VI.                      |                        | В      | Number of area Permits* Issued (Multiple Wells)                      | New<br>Well Field      |  | 1         | 0         | 0          |            |     |   |
| Permit<br>Determin-      | Issued                 |        | (*See instructions on back)  | Existing<br>Well Field |  | 1         | 1         | 0          |            |     |   |
| ation                    |                        | С      | Number of Wells in Area Permits                                      | New<br>Wells           |  | 5         | 1         | 0          |            |     | - |
|                          |                        |        | (See B above)  | Existing<br>Wells      |  | 14        | 0         | 0          |            |     |   |
|                          | Permit<br>Not Issued   | D      | Number of Permits Denied/Withdo<br>(after complete technical review) | rawn                   |  | 1.        | 26        | 0          |            |     |   |
|                          | Modification<br>Issued | Е      | Number of Major Permit<br>Modifications Approved                     |                        |  | 3         | 2         | 0          |            |     |   |
| VII.<br>Permit           | Number of Ru           | le-A   | uthorized  | Wells<br>Reviewed      |  | 1205      | 3481      | 0          |            |     |   |
| File<br>Review           | Class II Wells         | Rev    | iewed  | Wells<br>Deficient     |  | 33        | 74        | 0          |            |     |   |
|                          | Wells                  | A      | Number of Wells  | Abandoned<br>Wells     |  | 286       | 410       | 0          |            |     |   |
|                          | Reviewed               |        | in Area of Review  | Other<br>Wells         |  | 567       | 532       | 0          |            |     |   |
| i garan                  | Wells<br>Identified    | В      | Number of Wells Identified   | Abandoned<br>Wells     |  | 3         | 4         | 0          |            |     |   |
| VIII.<br>Area<br>of      | for C/A                |        | for Corrective Action  | Other<br>Wells         |  | 6         | 8         | 0          |            |     |   |
| Review<br>(AOR)          |                        |        | Number of Wells in AOR with     Casing Repaired/Recemented           | CIA                    | approximate para a construction de     | 2         | 0         | 0          | <u> </u>   |     |   |
|                          | Wells                  | С      | 2. Number of Active Wells in AOR Plugged/Abandoned                   |                        |  | 2         | 1         | 0          |            |     |   |
|                          | C/A                    | ľ      | Number of Abandoned Wells in AOR Replugged                           |                        | ······································ | 0         | 1         | 0          |            |     |   |
|                          |                        |        | 4. Number of Wells in AOR with "Other" Corrective Action             |                        |  | 3*        | 7**       | 0          |            |     |   |

IX. Remarks/Ad Hoc Report (Attach additional sheets if necessary)

#### Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any

| knowingly false or misleading statement may be punishable by fine or imprisonment or both under applic | able law. |               |
|--|-----------|---------------|
|  |           |               |
| ignature and Typedior Printed Name and Title of Person Completing Form                                 | Date      | Telephone No. |

Previous edition is obsolete.

(916) 323-1781

11/15/2010

<sup>\* 1</sup> well with limited cum. vol. of water injected; \*\* 2 wells demonstrated to be in another fault block from injection well

OMB No. 2040-0042

IV. Reporting Period (month, year)

Approval Expires 12/31/2011

**⊕EPA** 

II. Date Prepared (month, day, year)

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System
Part II: Compliance Evaluation

(This information is solicited under the authority of the Safe Drinking Water Act)

III. State Contact (name, telephone no.)

I. Name and Address of Reporting Agency

United States Environmental Protection Agency

California Division of Oil, Gas & Geothermal Resources 801 K Street, 20th Floor Sacramento, CA 95814

From Jerry Salera (916) 323-1781 11/15/2010 September 30, 2010 October 1, 20 09 Class and Type of Injection Wells 11 SWD ER HC 111 IV V Item 2D 2R 2H Total 0. A Number of Wells with Violations 223 414 Wells Number of Unauthorized 0 15 Injection Violations 42 0 43 2. Number of Mechanical Integrity Violations Summary Number of Operation and 8 0 0 Total Maintenance Violations of В **Violations Number of Plugging** 0 0 0 and Abandonment Violations **Violations** Number of Monitoring and 172 358 0 Reporting Violations **Number of Other Violations** 0 0 0 Number of Wells with Total 411 0 217 Wells **Enforcement Actions** 49 39 0 1. Number of Notices of Violation 0 0 0 2. Number of Consent Agreements VI. 3. Number of Administrative Orders 12 0 Summary Total 0 0 4. Number of Civil Referrals 0 of Enforcement 0 0 0 Actions 5. Number of Criminal Referrals Enforcement 0 186 363 6. Number of Well Shut-ins 4 0 7. Number of Pipeline Severances **Number of Other Enforcement Actions** 0 7 6 (Specify) VII. 0 19 A. This Quarter Number of Wells Summary of Returned to Compliance 213 386 0 B. This Year Compliance VIII. 0 0 Number of Cases of Alleged Contamination of a USDW 12 Contamination

X. Remarks/Ad Hoc Report (Attach additional sheets)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed of Printed Name and Title of Person Completing Form

Percent of MIT Violations Resolved in 90 Days

Date

11/15/2010

0

94

100

Telephone No. (916) 323-1781

PROGRAM MANAGER

EPA Form 7520-2A (12-08)

MIT Resolved

Replaces EPA Form 7520-2 which is obsolete

**≎EPA** 

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

UIC Federal Reporting System
Part II: Compliance Evaluation
Significant Noncompliance

(This information is solicited under the authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

United States Environmental Protection Agency California Division of Oil, Gas & Geothermal Resources 801 K Street, 20th Floor Sacramento, CA 95814

| II. Date Prepare       | d (month, day,       | yea  | r) III. State Co                                  | ntact (name, telephone no.)                       | IV. Repor  | ting Perio  | d (month,    | year)       |                                       |            |          |
|------------------------|----------------------|------|---|---|------------|-------------|--------------|-------------|---------------------------------------|------------|----------|
| 11/15/2010             |                      |      |   | era (916) 323-1781                                | From Octob | per 1, 2    | <b>20</b> 09 |             | To<br>09/30/2010                      |            |          |
|                        |                      |      |   |   |            |             | Class and    | I Type o    | f Injection Wel                       | ls         |          |
|                        |                      |      |   |   |            |             | <u> </u>     | <del></del> |                                       |            |          |
|                        |                      |      | Item  |   |            | SWD<br>2D   | ER<br>2R     | HC<br>2H    | III                                   | IV         | V        |
|                        | Total<br>Wells       | A    | Number of Wells                                   | with SNC Violations                               |            | 0           | 12           | 0           |                                       |            |          |
| v.                     |                      |      | 1. Number of U<br>Injection SN                    | C Violations                                      |            | 0           | 12           | 0           |                                       |            |          |
| Summary                |                      |      | <ol> <li>Number of M<br/>SNC Violation</li> </ol> | echanical Integrity                               |            | 0           | 0            | 0           |                                       |            |          |
| of<br>Significant      | ·                    |      | 3. Number of Ir<br>SNC Violation                  | njection Pressure<br>ins                          |            | 0           | 0            | 0           |                                       |            |          |
| Non-                   | Total<br>Violations  | В    | 4. Number of P<br>and Abandon                     | lugging<br>nment SNC Violations                   |            | 0           | 0            | 0           |                                       |            |          |
| Compliance             | <u>,</u>             |      | 5. Number of S<br>of Formal O                     | NC Violations<br>ders                             |            | 0           | 0            | 0           |                                       |            |          |
| (SNC)                  |                      |      | 6. Number of F<br>SNC Violation                   |   |            | 0           | 0            | 0           |                                       |            |          |
|                        |                      |      | 7. Number of C                                    | other SNC Violations                              |            | 0           | 0            | 0           |                                       |            |          |
|                        | Total<br>Wells       | Α    | Number of Well                                    | s with<br>tions Against SNC                       |            | 0           | 12           | 0           |                                       |            |          |
| VI.                    |                      |      | 1. Number of N                                    | lotices of Violation                              |            | 0           | 0            | 0           | *                                     |            |          |
| Summary                |                      |      | 2. Number of C                                    | onsent Agreements/Orders                          |            | 0           | 0            | 0           |                                       |            |          |
|                        |                      |      | 3. Number of A                                    | dministrative Orders                              |            | 0           | 12           | 0           |                                       |            |          |
| of:                    | Total<br>Enforcement | В    | 4. Number of C                                    | ivil Referrals                                    |            | 0           | 0            | 0           |                                       |            |          |
| Enforcement            | Actions              | 0    | 5. Number of C                                    | Criminal Referrals                                |            | 0           | 0            | 0           |                                       |            |          |
| Against                |                      |      | 6. Number of V                                    | Vell Shut-ins                                     |            | 0           | 0            | 0           |                                       |            |          |
| SNC                    |                      |      | 7. Number of P                                    | ipeline Severances                                |            | 0           | 0            | 0           |                                       |            |          |
| 15                     |                      |      |   | Other Enforcement Actions  Civiolations (Specify) |            | 0           | 0            | 0           |                                       |            |          |
| VII.<br>Summary        | Number of W          | ells | in SNC  | A. This Quarter                                   |            | 0           | 0            | 0           |                                       |            |          |
| of<br>Compliance       | Returned to C        | om   | oliance   | B. This Year                                      |            | 0           | 0            | 0           |                                       |            |          |
| VIII.<br>Contamination | Number of Ca         | ses  | of Alleged Conta                                  | mination of a USDW                                |            | 0           | 12           | 0           |                                       |            |          |
| ix.                    | Class IV/Enda        |      | ring Class V                                      |   | involunt   | ary Well C  | losure       |             | i i i i i i i i i i i i i i i i i i i |            |          |
| Well<br>Closure        | Well Closure         | 3    |   |   | Volunta    | ry Well Clo | sure         |             |                                       |            |          |
| I certify              | that the states      | nent | s I have made on                                  | Certificati                                       |            | true, accu  | rate, and    | complete    | e. Lacknowled                         | ge that an | <i>y</i> |

EPA Form 7520-2B (12-08)

Signature and Typed or P

Replaces EPA Form 7520-2 which is obsolete.

Name and Title of Person Completing Form

knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Telephone No.

(916) 323-1781

Date

11/15/2010

**SEPA** 

**United States Environmental Protection Agency** Office of Ground Water and Drinking Water Washington, DC 20460

## **UIC Federal Reporting System** Part III: Inspections **Mechanical Integrity Testing**

(This information is solicited under the authority of the Safe Drinking Water Act) I. Name and Address of Reporting Agency

United States Environmental Protection Agency

California Division of Oil, Gas & Geothermal Resources 801 K Street, 20th Floor Sacramento, CA 95814

IV. Reporting Period (month, year) III. State Contact (name, telephone no.) II. Date Prepared (month, day, year) 11/15/2010 Jerry Salera (916) 323-1781 09/30/2010 October 1, 20 9

|                    |  | *************************************** | A control of the cont |                   |   |           | Class and | Type of In | jection We | lls |          |
|--------------------|--|---|--|-------------------|---|-----------|-----------|------------|------------|-----|----------|
|                    |  |   |  |                   |   |           | , 11      |            |            | -   |          |
|                    |  |   | ltem   |                   | 1                                       | SWD<br>2D | ER<br>2R  | НС<br>2H   | III        | IV  | ٧        |
|                    | Total<br>Wells   | А                                       | Number of Wells Inspected  |                   |   | 917       | 2,154     | 0          |            |     |          |
| ٧.                 |  |   | Number of Mechanical Integr<br>(MIT) Witnessed   | ity Tests         |   | 619       | 367       | 0          |            |     |          |
| Summary            |  |   | 2. Number of Emergency Respondent Response Inspec  |                   |   | 0         | 3         | 0          |            |     |          |
| of                 | Total<br>Inspections   | В                                       | 3. Number of Well<br>Constructions Witnessed   |                   |   | 25        | 88        | 0          |            |     |          |
| Inspections        |  |   | 4. Number of Well<br>Pluggings Witnessed   |                   |   | 15        | 102       | 0          |            |     |          |
|                    |  |   | 5. Number of Routine/Periodic Inspections  |                   |   | 422       | 1,894     | 0          |            |     |          |
|                    | Total  | Α                                       | Number of Wells Tested or Evalu<br>for Mechanical Integrity (MI)   | ıated             |   | 1,118     | 3,863     | 0          |            |     |          |
|                    | Wells  | В                                       | No. of Rule-Authorized Wells   | assed 2-part test |   | 65        | 74        | 0          |            |     |          |
|                    |  |   | Tested/Evaluated for MI F  | ailed 2-part test |   | 5         | 7         | 0          |            |     | <u> </u> |
| 4.74               |  |   | 1. Number of Annulus Pressure  | Well Passed       |   | 11        | 1,007     | 0          |            |     |          |
| VI.                |  |   | " Monitoring Record Evaluation   | ons Well Failed   |   | 0         | 43        | 0          |            |     |          |
|                    |  |   | , No. of Casing/   | Well Passed       |   | 268       | 204       | 0          |            |     |          |
| Summary            | For  |   | 2. No. of Casing/<br>Tubing Pressure Tests   | Well Failed       |   | 15        | 14        | 0          |            |     |          |
|                    | Significant  | С                                       | 2 Number of Monitoring   | Well Passed       | *************************************** | 0         | 0         | 0          |            |     |          |
| of                 | Leak   |   | 3. Record Evaluations  | Well Failed       | *****************                       | 0         | 0         | 0          |            |     |          |
|                    |  |   | No. of Other Significant Lea   |                   | *************************************** | 58        | 555       | 0          |            |     |          |
| Mechanical         | -  |   | 4. Tests/Evaluations (Specify)   | Well Failed       |   | 1         | 1         | 0          |            |     |          |
|                    |  | 1                                       | 4 Number of Cement   | Well Passed       |   | 0         | 0         | 0          |            |     |          |
| Integrity          |  |   | 1. Record Evaluations  | Well Failed       |   | 0         | 0         | 0          |            |     |          |
|                    |  |   | 2 Number of Temperature/   | Well Passed       |   | 18        | 9         | 0          |            |     |          |
| (MI)               | For  |   | 2. Noise Log Tests   | Well Failed       | *************************************** | 0         | 0         | 0          |            |     |          |
|                    | Fluid  | D                                       | No. of Radioactive Tracer/   | Well Passed       |   | 873       | 3,630     | 0.         |            |     |          |
|                    | Migration  |   | 3. Cement Bond Tests   | Well Failed       |   | 9         | 152       | 0          |            |     | 1        |
|                    |  |   | No. of Other Fluid Migration   |                   |   | 28        | 12        | 0          |            |     |          |
|                    | THE CONTRACT OF THE CONTRACT O |   | 4. Tests/Evaluations (Specify)   | Well Failed       |   | 0         | 3         | 0          |            |     |          |
|                    | Total<br>Wells   | Α                                       | Number of Wells with<br>Remedial Action  |                   |   | 8         | 50        | Ō          |            |     |          |
| VII.<br>Summary    |  | Ī                                       | Number of Casing Repaired     Squeeze Cement Remedial A  |                   |   | 3         | 2         | 0          |            |     |          |
| of                 | Total<br>Remedial  | В                                       | Number of Tubing/Packer     Remedial Actions   |                   |   | 4         | 48        | 0          |            |     |          |
| Remedial<br>Action | Actions  |   | 3. Number of Plugging/Abando<br>Remedial Actions   |                   | ·                                       | 0         | 0         | 0          |            |     |          |
|                    |  |   | 4. Number of Other Remedial / (Specify)  | Actions           |   | 1         | 0         | 0          |            |     |          |

VIII. Remarks/Ad Hoc Report (Attach additional sheets) Other remedial action: 1 well operation terminated and disconnected

#### Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Date Signature and Typed or Pringer Name and Title of Person Completing Form MANAGER

PRIVEDA-M

11/15/2010

Telephone No. (916) 323-1781

EPA Form 7520-3 (Rev. 12-08)

Previous edition is obsolete.

| Vd∃'≎                                  |  | United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460 | Protection Ag<br>d Drinking Wa<br>20460                              | ency<br>ter                                      |                    |                               |              |               |                 |                    | OMB<br>Appr         | OMB No. 2040-0042 Approval expires 1/31/05 | xpires               | 131                         | 90  |              |                    |                                 |   |
|--|--|--|--|--|--------------------|-------------------------------|--------------|---------------|-----------------|--------------------|---------------------|--|----------------------|-----------------------------|---|--------------|--------------------|---------------------------------|---|
|  |  |  | ans com  |  | ,                  |                               |              |               |                 | A                  | 2                   | r. Reporting Period                        | g re                 | 001                         | osaka kirin | -            | -                  | -                               |   |
|  | Part IV: Quarterly Exceptions List  (This information is collected under the authority of the Safe Drinking Water Act)   | Part IV: Quarterly Exceptions nation is collected under the authority of the Safe                            | crity of the Sg  | S <b>List</b>                                    | king 🖰             | Nater /                       | Act)         |               |                 |                    | From<br>10,         | om<br>10/01/2009                           | 600                  |                             |   |              | ٥                  | 09/30/2010                      | 2010  |
| =                                      | , s  | ž  | V. Su  | V. Summary of Violations                         | of Vi              | olation                       | w            |               |                 | VI. 8              | Sumn                | Summary of Enforcement                     | F Enfo               | rceme                       | nt  |              |                    |                                 | ij  |
| ************************************** | Morros of Address  |  | 1  | 2  | ark ("             | Mark ('X') Violation Type     | ation        | Туре          |                 | Date of            | -                   | Mar  | (X)                  | Mark ('X') Enforcement Type | cemer   | ıt Typ       | es es              |                                 | Date  |
| Class                                  | of Owner/Operator  | ID No.   | Violation  | Well Mechanical Integrity Unauthorized Injection | Injection Pressure | Plugging and Abandonment      | Formal Order | Falsification | Other (Specify) | Enforcement        | Notice of Violation | Consent Agreement                          | Administrative Order | Civil Referral              | Criminal Referral   | Well Shut-in | Pipeline Severance | Other (Specify)                 | Compliance  |
| powers<br>posteri                      | Greka Oil & Gas P.O. Box 5489, SM,   | Los Flores 45  | 12/14/2009   |  |                    |                               |              |               | ×               | 12/14/2009         | ×                   | 3.8 · - 1                                  |                      |                             |   |              |                    | 5                               | 01/14/2010  |
|  | Greka Oil & Gas P.O. Box 5489, SM,   | Security Fee 38  | 04/27/2010   |  |                    | ×                             |              |               |                 | 04/27/2010         | ×                   |  |                      |                             |   |              |                    | 05)                             | 05/04/2010  |
| jamani<br>jamani                       | BreitBurn 515 Flower #1800, LA, CA   | Squires 27   | 06/15/2010   |  | ×                  |                               |              |               |                 | 06/15/2010         | ×                   |  |                      |                             |   |              |                    | 90                              | 06/15/2010  |
| johelal<br>Judeal                      | Greka Oil & Gas P.O. Box 5489, SM,   | BC 4-22  | 07/30/2010   | ×  |                    |                               | ****         |               |                 | 07/30/2010         | ×                   |  |                      |                             |   | ×            | ×                  | 0.7                             | 07/30/2010  |
| jannasi<br>jannasi                     | Greka Oil & Gas P.O. Box 5489, SM.   | Bell 143   | 09/08/2010   |  |                    |                               |              |               | x               | 09/08/2010         | ×                   |  |                      |                             |   |              |                    | 8                               | 09/13/2010  |
|  |  |  |  |  |                    |                               |              |               |                 |                    |                     |  |                      |                             |   |              |                    |                                 |   |
|  | Other= Well sign and   |  |  |  |                    |                               |              |               |                 |                    |                     |  |                      |                             |   |              |                    |                                 |   |
|  | Other= Failure to file history   |  |  |  |                    |                               |              |               |                 |                    |                     |  |                      |                             |   |              | -                  |                                 |   |
|  |  |  |  | 4  |                    |                               |              |               |                 |                    |                     |  |                      |                             |   |              |                    |                                 | i della di distribita di seria della di seria della |
| l certify<br>punish                    | Certification for the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | m and all attachmen<br>applicable law.   | its thereto are  | frue, a  | Centil             | Certification<br>ccurate, and | comp         | ete           | ack             | owledge that any k | inowi               | ngly fa                                    | ilse oi              | Hish.                       | adinç   | state        | ment               | may be                          |   |
| Signature of                           | Signature of Person Completing Porm  | -  | Typed or Printed Name and Title Jerry Salera, UIC Associate Engineer | Ta E   | Ass                | nd Title<br>Octate            |              | gineer        | 2               | M. A. FEET         | Date                | te<br>11/15/2010                           | 010,                 |                             |   | - Provi      | eleph<br>(916      | Telephone No.<br>(916) 323-1781 | 781   |
| EPA Form 75;                           | EPA Form 7520-4 (Rev. 8-01) Previous edition is obsolete.  | obsolete.  |  |  | 1                  |                               |              |               |                 |                    |                     |  |                      |                             |   |              |                    |                                 |   |